

DuPont Refrigerants

Cross Reference Guide

U.S. Refrigerants Cross Reference Guide

ASHRAE #	Tradenames	Supplier/ Manufacturer	Components	Type	DuPont Cyl. Size	Recommended Lubricant	Alternate Lubricant	Recommended Evaporator Temperature			Application	
								High	Med	Low		
R-22 Replacements												
R-422A	ISCEDN® M079 One Shot®	DuPont Icor International	125/134a/600a	HFC	24 lb. DAC* 100 lb. Cyl	MO	AB PDE		X	X	Retrofit/New Equipment - Commercial & Industrial DX Refrigeration	
R-422D	ISCEDN® M029	DuPont	125/134a/600a	HFC	25 lb. DAC* 110 lb. Cyl	MO	AB PDE	X	X	X	Retrofit - DX Water Chillers - Commercial & Industrial DX Refrigeration - Air Conditioning	
R-417A	ISCEDN® M059 NU-22™	DuPont Icor International	125/134a/600	HFC	25 lb. DAC* 110 lb. Cyl	MO	AB PDE	X	X		Retrofit - Commercial & Industrial DX Refrigeration - Air Conditioning	
R-410A	Suva® 410A Genetron® AZ-20® Forane® 410A Puron®	DuPont Honeywell Arkema Carrier	32/125	HFC	25 lb. DAC* 100 lb. Cyl ton tank (1250 lbs)		POE		X	X	New Equipment Only - Residential & Commercial A/C & heat pumps	
R-407C	Suva® 407C Genetron® 407C Forane® 407C	DuPont Honeywell Arkema	32/125/134a	HFC	25 lb. DAC* 115 lb. Cyl ton tank (1550 lbs)		POE		X	X	New Equipment - Residential & Commercial A/C & heat pumps	
R-12 Replacements												
R-423A	ISCEDN® 39TC®	DuPont	134a/227es	HFC	125 lb. Cyl		PDE (one oil change)		X	X	Retrofit - Centrifugal Chillers	
R-134a	Suva® 134a Genetron® 134a Forane® 134a	DuPont Honeywell Arkema	134a	HFC	30 lb. DAC* 125 lb. Cyl half ton tank (1025 lbs) ton tank (1750 lbs)		POE PAG (auto)		X	X	Retrofit/New Equipment - Commercial refrigeration - Appliances - Chillers - Automotive A/C	
R-401A	Suva® MP39 Genetron® MP39	DuPont Honeywell	22/124/152a	HCFC	30 lb. DAC* 125 lb. Cyl ton tank (1700 lbs)		AB	MO		X	X	Retrofit - Commercial DX refrigeration
R-401B	Suva® MP66 Genetron® MP66	DuPont Honeywell	22/124/152a	HCFC	30 lb. DAC* 125 lb. Cyl ton tank (1700 lbs)		AB	MO		X	X	Retrofit - Commercial DX refrigeration - Transport refrigeration
R-409A	Suva® 409A Genetron® 409A Forane® 409A	DuPont Honeywell Arkema	22/124/142b	HCFC	30 lb. DAC* 125 lb. Cyl		AB	MO		X	X	Retrofit - Commercial DX refrigeration - Walk-in cooler

* Disposable cylinder



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Albany, NY	518-489-0010	Rochester, NY	585-482-3876	Allentown, PA	610-437-9818	Scranton, PA	570-346-1565
Binghamton, NY	607-724-2451	Syracuse, NY	315-475-3131	Altoona, PA	814-941-7617	Stroudsburg, PA	570-424-5724
Buffalo, NY	716-853-1291	Utica, NY	315-732-4077	Erie, PA	814-459-4559	Wilkes-Barre, PA	570-824-8779
Middletown, NY	845-733-5666			Harrisburg, PA	717-558-0828	Williamsport, PA	570-323-4606

(continued)

ASHRAE #	Tradenames	Supplier/ Manufacturer	Components	Type	DuPont Cyl. Size	Recommended Lubricant	Alternate Lubricant	Recommended Evaporator Temperature			Application
								High	Med	Low	
R-502 Replacements											
R-422A	ISCEON® M079 One Shot®	DuPont Icor International	125/134a/60ls	HFC	24 lb. DAC* 100 lb. Cyl	MO	AB POE		X	X	Retrofit/New Equipment - Commercial & Industrial DX Refrigeration
R-404A	Suva® 404A Genetron® 404A Forane® 404A	DuPont Honeywell Arkema	125/134a/143a	HFC	24 lb. DAC* 100 lb. Cyl half ton tank (800 lbs) ton tank (1300 lbs)	POE			X	X	New Equipment - Commercial & Industrial Refrigeration
R-409A	Suva® 409A Genetron® 409A Forane® 409A	DuPont Honeywell Arkema	22/125/143a	HCFC	24 lb. DAC* 100 lb. Cyl	AB	MO		X	X	Service Refrigerant - Commercial DX Refrigeration
R-507	Suva® 507 Forane® 507 Genetron® AZ-50®	DuPont Arkema Honeywell	125/143a	HCFC	25 lb. DAC* 100 lb. Cyl ton tank (1400 lbs)	POE			X	X	New Equipment - Commercial & Industrial
R-402A	Suva® HP80 Genetron® HP80	DuPont Honeywell	22/125/290	HCFC	27 lb. DAC* 110 lb. Cyl	AB	MO		X	X	Service Refrigerant - Commercial DX Refrigeration
R-402B	Suva® HP81 Genetron® HP81	DuPont Honeywell	22/125/290	HCFC	13 lb. DAC*	AB	MO		X	X	Service Refrigerant - Ice Machines
R-12, R-22, R-503 Replacement											
R-508B	Suva® 95	DuPont	23/116	PFC	10 lb. Cyl 20 lb. Cyl 70 lb. Cyl ton tank (1100 lbs)	POE			Very Low Temp (VLT) Below -40°F		Retrofit/New Equipment - Cascade Refrigeration Systems
R-11 Replacement											
R-123	Suva® 123 Genetron® Forane® 123	DuPont Honeywell Arkema	123	HCFC	100 lb. Drum 200 lb. Drum 625 lb. Drum	MO			X	X	Retrofit/New Equipment - Centrifugal Chillers
R-114 Replacements											
R-236fa	Suva® 236fa	DuPont	236fa	HFC	145 lb. Cyl	POE			X		Retrofit/New Equipment - Centrifugal Chillers
R-124	Suva® 124 Genetron® 124 Forane® 124	DuPont Honeywell Arkema	124	HCFC	30 lb. DAC* 145 lb. Cyl ton tank (2000 lbs)	AB			X		Retrofit - Industrial Refrigeration & A/C - High Ambient A/C

* Disposable cylinder

Footnotes:

- HFC refrigerants: (1) long-term replacements; (2) non-ozone depleting; (3) no phase-out date
- ISCEON® refrigerants: easy-to-use, cost-effective, mineral oil compatible (exception: ISCEON® 39TC® only one oil change to POE)
- All DuPont refrigerants are UL classified except ISCEON® M079, M029 and 39TC®
- All DuPont refrigerants have A1 Safety classification except Suva® 123 which is rated B1.

Lubricant

- AB - Alkylbenzene
- MO - Mineral Oil
- POE - Polyol Ester

DUPONT



DUPONT

Refrigerants

R-12 Replacements

R-134a



Mfg Part no	Trade Name	Type	Containers
R-134A	Suva@134A	HFC	30 lb. Disposable Cylinder, 125 lb. Cylinder

R-401A



Mfg Part no	Trade Name	Type	Containers
R-401A	Suva@MP39	HCFC	30 lb. Disposable Cylinder, 125 lb. Cylinder

R-409A



Mfg Part no	Trade Name	Type	Containers
R-409A	Suva@409A	HCFC	30 lb. Disposable Cylinder, 125 lb. Cylinder

R-500 Replacements

R-401B

Mfg Part no	Trade Name	Type	Containers
R-401B	Suva@MP66	HCFC	30 lb. Disposable Cylinder, 125 lb. Cylinder

R-502 Replacements

R-404A



Mfg Part no	Trade Name	Type	Containers
R-404A	Suva@404A	HFC	24 lb. Disposable Cylinder, 100 lb. Cylinder

R-507



Mfg Part no	Trade Name	Type	Containers
R-507	Suva@507	HFC	25 lb. Disposable Cylinder, 100 lb. Cylinder

R-408A



Mfg Part no	Trade Name	Type	Containers
R-408A	Suva@408A	HCFC	24 lb. Disposable Cylinder, 100 lb. Cylinder

R-402A



Mfg Part no	Trade Name	Type	Containers
R-402A	Suva@HP80	HCFC	27 lb. Disposable Cylinder, 110 lb. Cylinder

R-402B

Mfg Part no	Trade Name	Type	Containers
R-402B	Suva@HP81	HCFC	13 lb. Disposable Cylinder

R-22 Replacements

R-422D



Mfg Part no	Trade Name	Type	Containers
R-422D	Isceon@MO29	HFC	25 lb. Disposable Cylinder, 110 lb. Cylinder

R-407C



Mfg Part no	Trade Name	Type	Containers
R-407C	Suva@407C	HFC	25 lb. Disposable Cylinder, 115 lb. Cylinder

R-410A (New Equipment Only)



Mfg Part no	Trade Name	Type	Containers
R-410A	Suva@410A	HFC	25 lb. Disposable Cylinder, 100 lb. Cylinder

R-13, R-23, R-503 Replacements

R-508B

Mfg Part no	Trade Name	Type	Containers
R-508B	Suva@95	PFC	10, 20, 70 lb. Cylinders

R-11 Replacements

R-123



Mfg Part no	Trade Name	Type	Containers
R-123	Suva@123	HCFC	100, 200, 625 lb. Drums

R-114 Replacements

R-124

Mfg Part no	Trade Name	Type	Containers
R-124	Suva@124	HCFC	30 lb. Disposable Cylinder, 145 lb. Cylinder

Freon® Refrigerants

R-22



Mfg Part no	Trade Name	Type	Containers
R-22	Freon@22	HCFC	30, 50 lb. Disposable Cylinders, 125 lb. Cylinder

R-23

Mfg Part no	Trade Name	Type	Containers
R-23	Freon@23	HFC	20, 70 lb. Cylinders

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Middletown, NY	845-733-5666			Harrisburg, PA	717-558-0828	Williamsport, PA	570-323-4606